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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/774,961	02/09/2004	Hiroshi Hoshino	4980-0003	5569	
7590 04/19/2005			EXAMINER		
McCormick, Paulding & Huber, LLP			LEUNG, F	LEUNG, PHILIP H	
185 Asylum Street CityPlace II			ART UNIT	PAPER NUMBER	
Hartford, CT 06103-3402			3742		
		DATE MAILED: 04/19/2005			

Please find below and/or attached an Office communication concerning this application or proceeding.

1) Responsive to communication(s) filed on		Application No.	Applicant(s)					
Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION  BY A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION  If the period for reply specified above is less than thiny (30) days, a reply be timely filled  anter 3X (6) MONTHS ten the mailing date of this communication.  If the period for reply specified above is less than thiny (30) days, a reply whitin the statety minimum of thiny (30) days will be considered timely.  If the period for reply specified above is less than thiny (30) days, a reply whitin the statety minimum of thiny (30) days will be considered timely.  If the period for reply specified above is less than thiny (30) days, a reply whitin the statety minimum of thiny (30) days will be considered timely.  If the period for reply specified and the state of the communication, and the state of the communication and the state of the communication, and the state of the communication and the state of the st		10/774,961	HOSHINO ET AL.					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE £ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of tensmy by earlied elsew duried by provided on 57 CFR 1.73(e). In ne event, however, may a reply be timely filed  Extensions of tensmy by earlied elsew last less but thirty (30) days, a reply whilin the satulatory minimum of this (50) days will be considered timely.  If the period for reply specified elsew is liss but thirty (30) days, a reply whilin the satulatory minimum of the period for reply specified elsews is listed but the first mainly period will apply earlied less (50 (8) MONTH 8 from the maining date of this communication of the communication is period to the communication.  The Responsive to communication(s) filed on	Office Action Summary	Examiner	Art Unit					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ½ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  • Education of linear may be available under the provisions of 37 CFR 1.35(a). In ne event, however, may a reply be timely filed  • Education of linear may be available under the provisions of 37 CFR 1.35(a). In ne event, however, may a reply be timely filed  • Education of linear may be available under the provisions of 37 CFR 1.35(a). In ne event, however, may a reply be timely filed  • If the period for reply is pecified abover, the maximum statutory pecified vial apply and will expire \$10.00 days will be considered timely.  • If NO period for reply is pecified abover, the maximum statutory pecified vial apply and will expire \$10.00 days will be considered timely.  • If NO period for reply is pecified abover, the maximum statutory pecified vial apply and via legitle \$10.00 days will be considered timely.  • If NO period for reply is pecified abover, the maximum statutory period vial apply and via legitle \$10.00 days will be considered timely.  • If NO period for reply is specified abover, the maximum statutory period vial apply and via legitle \$10.00 days will be considered timely.  • If NO period for reply specified abover, the maximum statutory period vial apply and vial apply apply and vial apply and vial apply and vial apply and vial apply and v		, ,						
THE MAILING DATE OF THIS COMMUNICATION.  Edencions of time may be varieble under the provision of 3 CFR 1.13(6). In ne event, however, may a raply be timely filed after SX (6) MONTHS from the mailing date of this communication.  It is a state of the communication of the communicati								
This action is FINAL.   2b  This action is non-final.   3  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.	<ul> <li>THE MAILING DATE OF THIS COMMUNICATION.</li> <li>Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</li> <li>If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</li> <li>If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li> <li>Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any</li> </ul>							
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4) ☐ Claim(s)	closed in accordance with the practice under E	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ☒ Claim(s) is/are objected to .  8) ☒ Claim(s) is/are objected to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☒ All b) □ Some * c) □ None of:  1. ☒ Certified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No  3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) □ Notice of References Cited (PTO-892)  Paper No(s)/Mail Date  5) □ Notice of Informal Patent Application (PTO-152)	Disposition of Claims							
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3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  5) Notice of Informal Patent Application (PTO-152)								
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## Election/Restrictions

1. This application contains claims directed to the following patentably distinct species of the claimed invention:

Figure 1; Figure 2; Figure 3; Figure 4; Figure 5;

Figure 6; Figures 7 and 8; Figure 9 and Figure 10.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

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- 2. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip H Leung whose telephone number is (571) 272-4782.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on (571) 272-4777. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**Primary Examiner** 

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P.Leung/pl 4-16-2005